

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

SCKET NUMBER (OPTIONAL)

APPLICATION NO.

7993

09/877,624

APPLICANT

Paul Brown

FILING DATE

GROUP ART UNIT

June 08, 2001

Remediation of Radioactive Waste by Stimulated
Radioactive Decay

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1.	2,500,223	03/14/50	Wells et al	204	154	
2.	4,721,596	01/26/88	Marriott et al	376	189	
3.	5,513,226	04/30/96	Baxter et al	376	170	
4.	4,335,465	June, 1982	Christiansen et al.	376	156	
5.	3,234,099	Feb. 1966	Baldwin et al.	376	156	
6.	2,161,985	June, 1939	Szilard	376	156	
7.	5,160,696	Nov. 1992	Bowman	376	189	
8.	5,513,226	April 1996	Baxter et al.	376	170	
9.	4,721,596	Jan. 1988	Marriott et al.	376	189	
10.	3,974,390	Aug. 1976	Morita et al.	250	492R	
11.	4,961,880	Oct. 1990	Barker	252	626	
12.	5,076,971	Dec. 1991	Barker	252	626	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES / NO
1.	620485	05/23/61	Canada			
2.	314,427	Dec. 1930	Great Britain			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- BALDWIN, G.C., Neutron Production by electron Bombardment of Uranium, General Electric Research Laboratory, Schenectady, New York, June 13, 1956, pages 1652-1653
- BOWMAN, C.D., Transmutation Calculations for Accelerator Transmutation of Waste, Transactions of the American Nuclear Society, 1991, Vol. 63, pages 90-91
- LAWRENCE, G.P., New Applications for High Power Proton Linacs, Proceedings of the 1990 Linear Accelerator Conference, September 1990, pages 553-557

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Form PTO-1449

DOCKET NUMBER (OPTIONAL)

APPLICATION NO.

2993

09/877,624

APPLICANT

Paul M. Brown

FILING DATE

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June 08, 2001

Remediation of Radioactive Waste by Stimulated
Radioactive Decay

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1.						
2.						
3.						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES / NO
1.					
2.					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. STEINBERG, M., Linear Accelerator Fission Product Transmuter (LAFPT), Transactions of the American Nuclear Society Annual Mtg, June 1977, Pages 293-294
2. STRAUCH, S., Alternative Methods to Increase Energy Extraction from Nuclear Fuel without Reprocessing to Separate Plutonium, Transactions of the American Nuclear Society, November 1977, Vol. 37, pages 426-427
3. VAN TUYLE, G.J. et al, Accelerator-Driven Subcritical Target Concept for Transmutation of Nuclear Wastes, Nuclear Technology, January 1993, Vol. 101, Pages 1-15
4. Transmutation, Alternatives for Managing Wastes from Reactors and Post-Fission Operations in the LWR Fuel Cycle, May 1976, Vol. 4 of 5, page 27.8
5. TAKAHASHI, H., The use of Minor Actinides and a Small Power Proton Accelerator for Fast Reactor with a High Breeding Gain, Report No. PSI-ROC-92-02, 1991, pages 65-78.
6. Lindenmeir, Taks TD – Transmutation Disposition, Advanced Waste Management Studies Progress Report, p. 1-12

****Copies of the above disclosed references are not provided herewith (according to 37 CFR section 1.98(d)) because they were submitted to the U.S. Patent Office and/or cited by an Examiner in a prior application, Photo-Remediation of Radioactive Waste by Stimulated Radioactive Decay, serial no. 09/105,313, filing date of June 26, 1998, which is relied upon for an earlier filing date for this application**

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